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Dr. Paul Vincent

+49 8322 987299

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	TIMM, Harald) Examiner:
Application No.:	10/029,925) DUNWOODY, A.M.
Filing Date:	December 31, 2001) Art Unit:
For:	PIPE ELEMENT FOR BENDING) 3679
	PIPE SECTIONS)

Docket No.: 19086.3

Amendment

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
USA

This communication is in response to the Office Action in the subject patent application mailed March 31st, 2003. Please amend this application as indicated below.

08/07/2003 EHARRIS 00000003 500698 10029925

01 FC:1202	54.00 DA
02 FC:1251	110.00 DA

ABSTRACT AMENDMENTS:

A bending metal pipe element for bending pipe sections, in particular for return pipes in combustion engines of automobiles, ~~comprising~~ has undulations which are disposed one behind the other in the longitudinal direction of the pipe element, ~~is characterized in that~~ The undulations have different outer diameters and undulations having the same outer diameter are disposed in alternating pairs. In this manner, the pipe can assume a largest possible bending angle without being damaged.